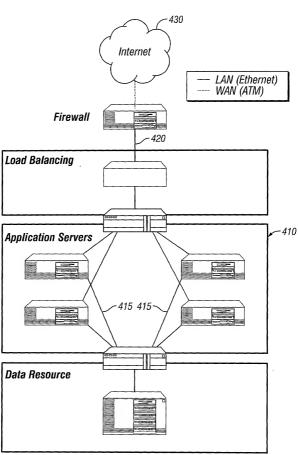
1/7



ARCHITECTURAL BASIS FOR THE BRIDGING OF SAN AND LAN INFRASTRUCTURES

INVENTORS: Ramkrishna Prakash, et al.

SERIAL NO.: 10/039,125

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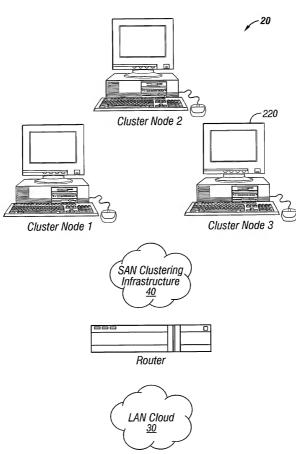


FIG. 2

INVENTORS: Ramkrishna Prakash, et al. SERIAL NO.: 10/039,125

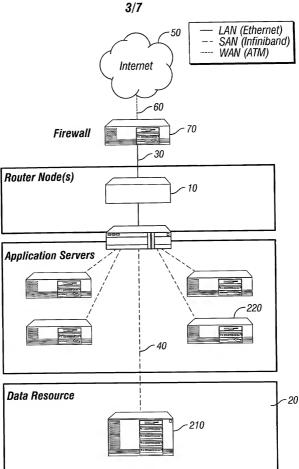


FIG. 3

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LAN INFRASTRUCTURES INVENTORS: Ramkrishna Prakash, et al.

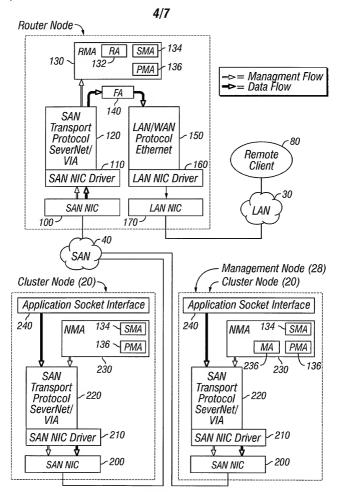


FIG. 4

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## Policy Table

Services	Eligibility	SAN Address	Weight
http	No Authorization Required	Clust Node 1	Allocate Twice
ftp	No Authorization Required	Clust Node 2	Allocate Once
SAP	Authorization Required	Clust Node 1	Allocate Once

FIG. 5

## Session Table

SRC MAC	SRC IP	SRC TCP	DEST SAN	Session
Add	Add	Sock #	Add	Handle
Rem CInt1	Rem CInt1	Rem CInt1	Clust Node 1	Session
MAC	IP	Sock #		Handle1
Rem CInt2	Rem CInt1	Rem CInt1	Clust Node 2	Session
MAC	IP	Sock #		Handle2
Rem CInt2	Rem CInt1	Rem CInt1	Clust Node 3	Session
MAC	IP	Sock #		Handle3

FIG. 6

LAN INFRASTRUCTURI INVENTORS: Ramkrishna Prakash, et al.

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Broadcast from the Cluster Nodes:

0 1	2 3			
Source II	Source IP Address			
Destination IP Address				
Priority	Cluster ID			
Packet Type	Function			
Router IP Address (N/A)				
Management Node IP Address (N/A)				
Source Port (N/A)	urce Port (N/A) Destination Port (N/A)			

FIG. 7

Reply from the Router Node:

U	,	2		
	Source IP Address			
	Destination IP Address			
Priorit	ty (N/A)	Cluster ID		
Packe	et Type	Function		
	Router IP Address			
Management Node IP Address (N/A)				
Source	Port (N/A)	Destination Por	t (N/A)	

.3

FIG. 8

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Sent from the Router Node to the Cluster Nodes:

0	1	2	3
Source IP Address			
Destination IP Address			
Prior	ity (N/A)	Cluster ID	
Pac	ket Type	Function	
Router IP Address			
Management Node IP Address			
Source	Source Port (N/A) Destination Port (N/A)		t (N/A)

FIG. 9